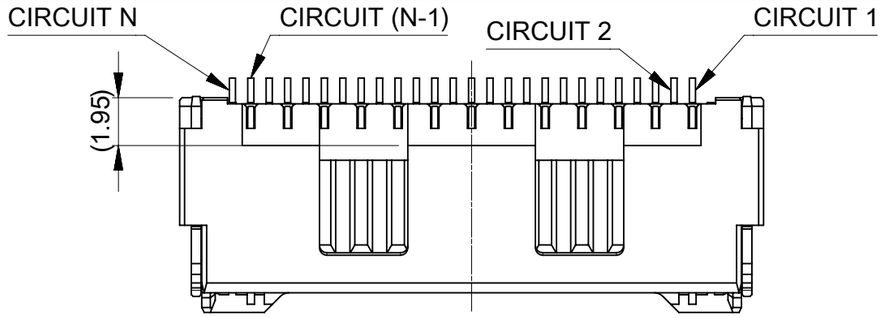
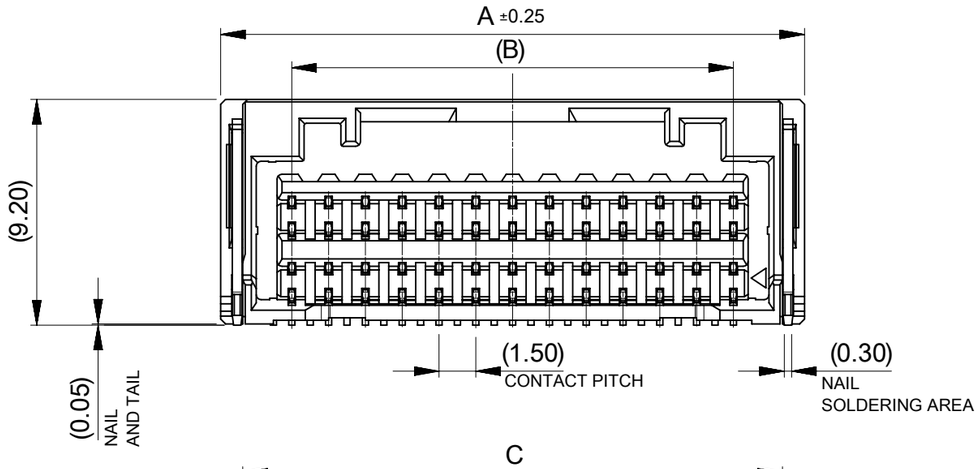
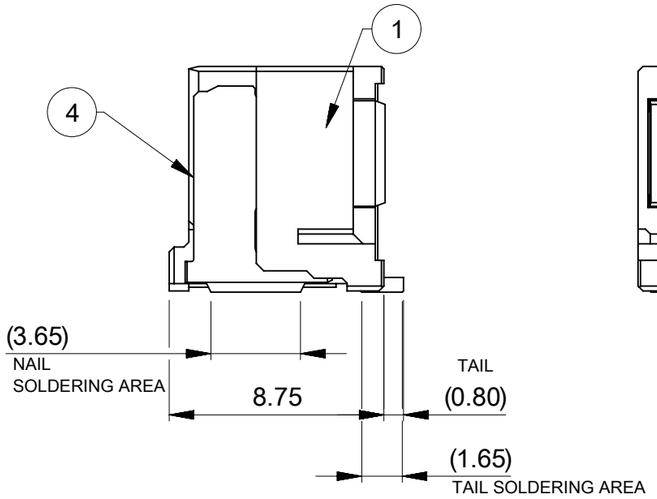


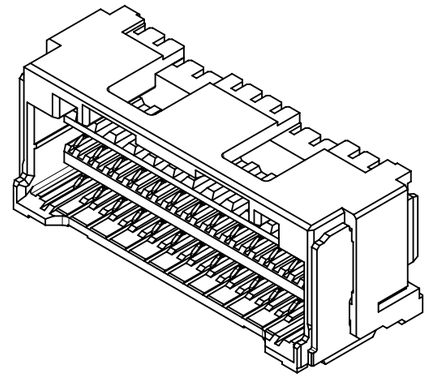


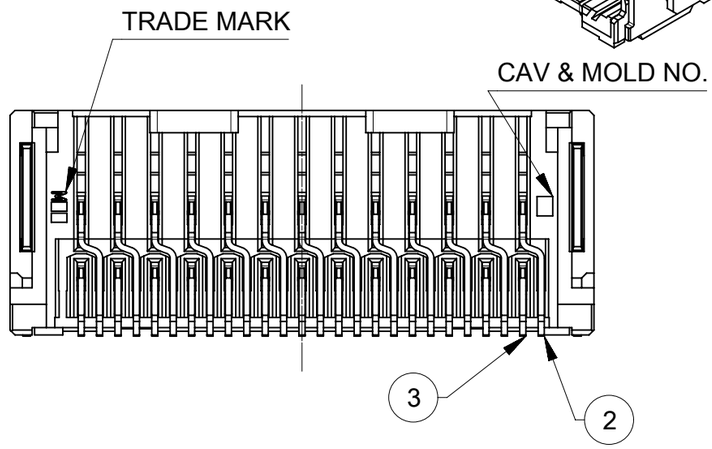


NOTE

1. 端子テール部およびネイルの平坦度: 0.1mm MAX
   TAIL AND NAIL COPLANARITY TO BE 0.1mm MAX
2. (極数/2) = 偶数 に適用
   APPLY FOR (CIRCUIT SIZE/2) = EVEN

△3 関連製品・ 書類はSHEET 5を参照ください
REFER TO SHEET 5 ABOUT RELATED PRODUCTS AND DOCUMENTS





△4 オーダー番号(製品番号): SHEET 6の製品一覧を参照のこと
ORDER No. (PRODUCT No.) : REFER TO SHEET 6 FOR PRODUCT LIST.

213228 * * * *

- シリーズ番号 SERIES NO
- 極数 CIRCUIT SIZE
- 色 COLOR
- 金めっき厚 GOLD PLATING THICKNESS

番号 NO.	部品 PART	材質 MATERIAL	
①	ハウジング HOUSING	ポリアミド(PA) UL94V-0 色 : SEE CHART POLYAMIDE(PA) UL94V-0 COLOR : SEE CHART	
② ③	ターミナル TERMINAL	銅合金 COPPER ALLOY	
		コンタクト部 CONTACT AREA	金めっき : 製品一覧参照 GOLD PLATING : SEE PRODUCT LIST
		テール部 TAIL AREA	無光沢錫めっき : 1.0 micro-meter MIN MATTE TIN PLATING: 1.0 micro-meter MIN
		下地めっき(全面) UNDER PLATING (WHOLE SURFACE)	ニッケルめっき : 1.0 micro-meter MIN NICKEL PLATING : 1.0 micro-meter MIN
④	ネイル NAIL	黄銅 BRASS	
		無光沢錫めっき : 1.0 micro-meter MIN MATTE TIN PLATING	
		ニッケルめっき(下地) : 1.0 micro-meter MIN NICKEL PLATING(UNDER PLATING)	

CIRCUIT	No.	GOLD THK[µm]	No.	COLOR
08 ~ 26	1	0.1	0	ナチュラル NATURAL
	3	0.38	1	黒 BLACK
	7	0.76		

22.0	±0.25	18.0	23.8	26
20.5		16.5	22.3	24
19.0		15.0	20.8	22
17.5		13.5	19.3	20
16.0		12.0	17.8	18
14.5		10.5	16.3	16
13.0		9.0	14.8	14
11.5		7.5	13.3	12
10.0		6.0	11.8	10
8.5	±0.2	4.5	10.3	8
C		B	A	極数 CKT.NO.

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DIMENSION UNITS: mm | SCALE: NTS

GENERAL TOLERANCES (UNLESS SPECIFIED)

ANGULAR TOL	±	3.0 °
4 PLACES	±	0.2
3 PLACES	±	0.2
2 PLACES	±	0.2
1 PLACE	±	0.2
0 PLACES	±	0.2

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC:

EC NO: 742719
DRWN: MIKEDA01 2023/06/23
CHK'D: SAKIYAMA 2023/06/23
APPR: AIDA 2023/06/23

INITIAL REVISION:
DRWN: MIKEDA01 2019/10/01
APPR: KOMURAKAMI 2019/11/20

molex

CLIK-MATE 1.5
DUAL ROW SMT R/A TYPE GOLD PLATING

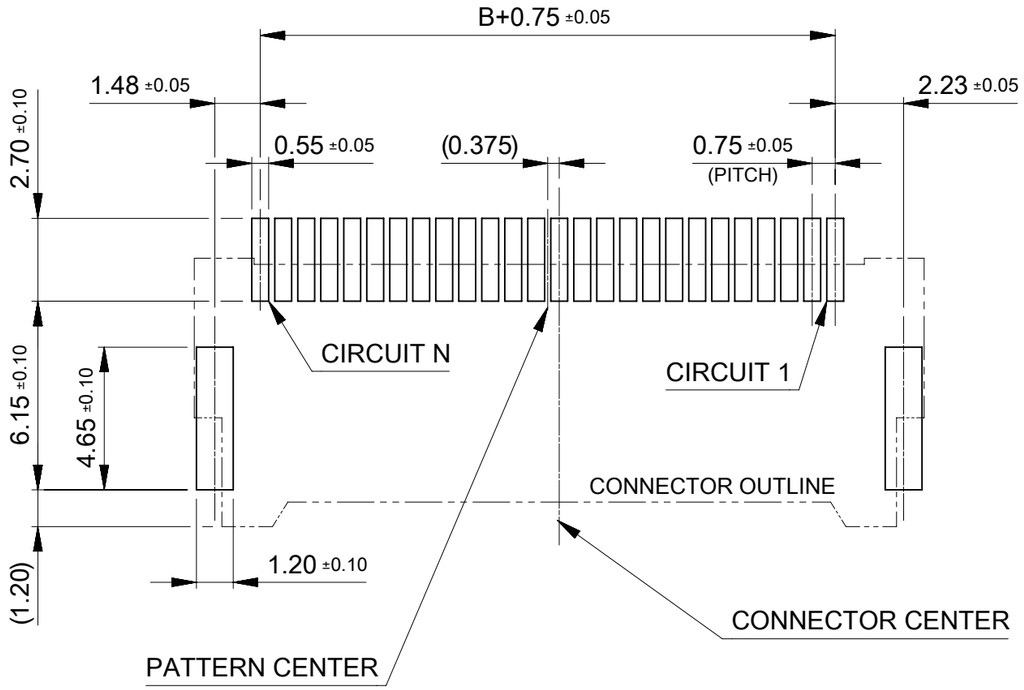
PRODUCT CUSTOMER DRAWING

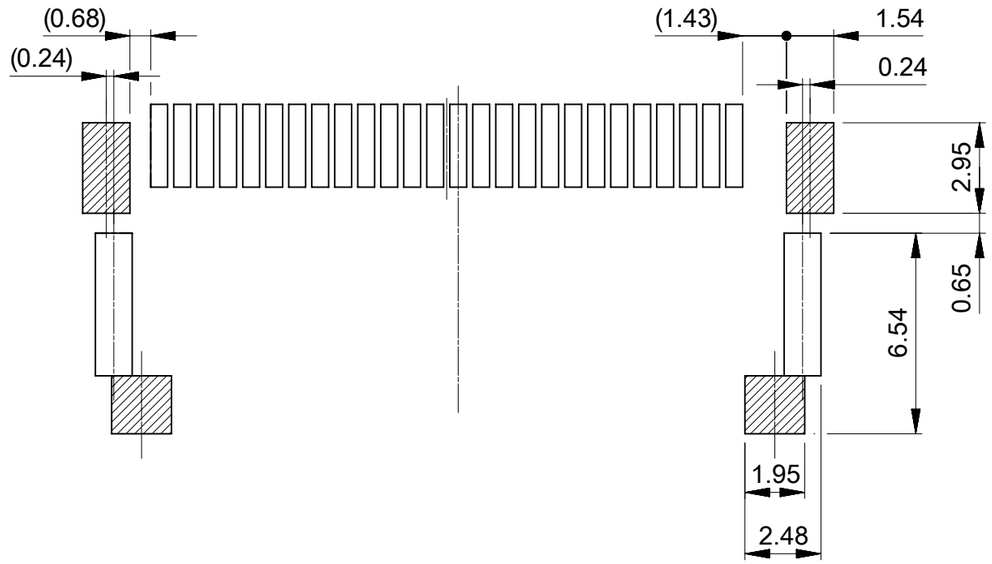
DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
2132280000-SD	PSD	000	G

THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
	A3-SIZE	213228	SEE CHART	GENERAL	1 OF 6

DOCUMENT STATUS	P1	RELEASE DATE	2023/06/23 10:36:45

FORMAT: master-ib-prod-A3
REVISION: J1
DATE: 2021/05/01





基板パターンレイアウト(参考)

RECCOMENDED PCB PATTERN LAYOUT (REF)

(参考：メタルマスク厚さ　0.10mm, マスク開口率100%)
(REFERENCE: METAL MASK THICKNESS 0.10MM, APERTURE RATIO 100%)

パターン非推奨エリア

パターンを引き回す際は、製品機能に影響がないことをご確認ください。
PATTERN IS NOT RECCOMENDED ON THE HATCHED AREA.
PLEASE CHECK NOT TO HAVE PROBLEM FOR PRODUCT FUNCTION
WHEN SETTING PATTERN ON THE HATCHED AREA.

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DIMENSION UNITS	SCALE
mm	NTS

GENERAL TOLERANCES (UNLESS SPECIFIED)		
ANGULAR TOL	±	3.0 °
4 PLACES	±	0.2
3 PLACES	±	0.2
2 PLACES	±	0.2
1 PLACE	±	0.2
0 PLACES	±	0.2

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC:

EC NO: 742719
DRWN: MIKEDA01 2023/06/23
CHK'D: SAKIYAMA 2023/06/23
APPR: AIDA 2023/06/23

INITIAL REVISION:
DRWN: MIKEDA01 2019/10/01
APPR: KOMURAKAMI 2019/11/20

molex

CLIK-MATE 1.5
DUAL ROW SMT R/A TYPE GOLD PLATING

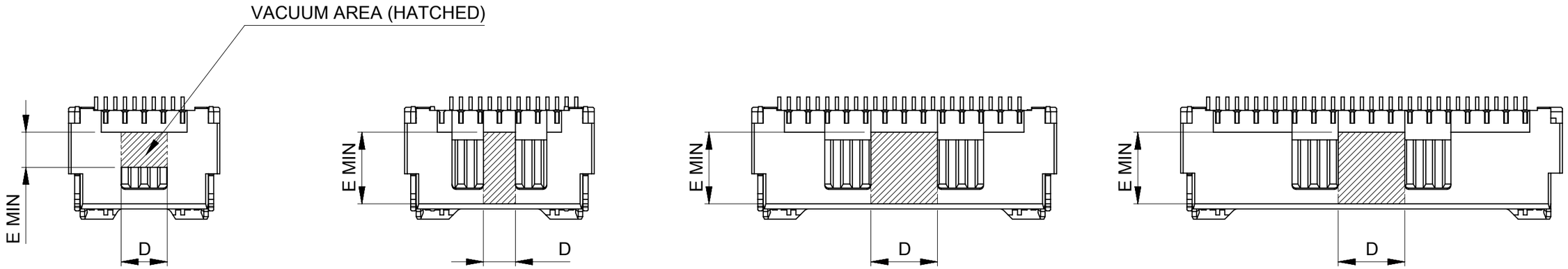
PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
2132280000-SD	PSD	000	G

THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
	A3-SIZE	213228	SEE CHART	GENERAL	2 OF 6

DOCUMENT STATUS	P1	RELEASE DATE	2023/06/23 10:36:45

FORMAT: master-tb-prod-A3
REVISION: J1
DATE: 2021/05/01



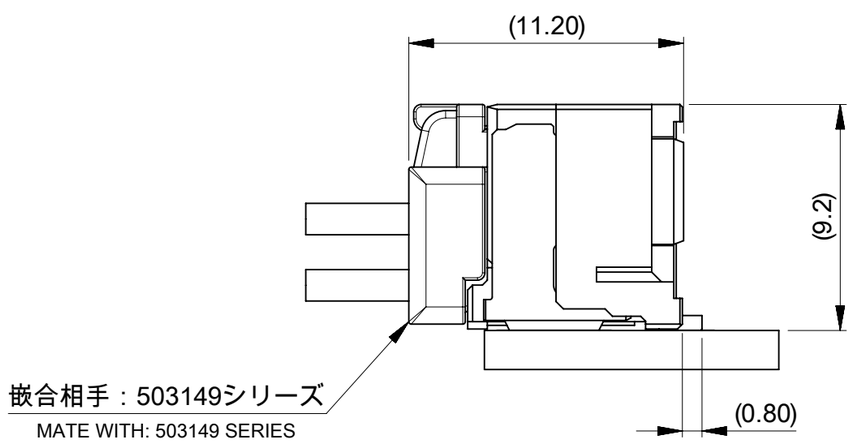
8-10極
8-10 CKT

12-18極
12-18 CKT

20-28極
20-28 CKT

30-34極
30-34 CKT

極数別ハウジング形状および吸着エリア
HOUSING SHAPE AND VACUUM AREA AT EACH CKTS



嵌合図
MATED CONNECTORS

5.6	5.2	26
		24
	4.2	22
	3.2	20
		18
	2.5	16
		14
	2.3	12
2.75	3.6	10
		8
E	D	CKT NO

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DIMENSION UNITS	SCALE
mm	NTS

GENERAL TOLERANCES (UNLESS SPECIFIED)

ANGULAR TOL	±	3.0 °
4 PLACES	±	0.2
3 PLACES	±	0.2
2 PLACES	±	0.2
1 PLACE	±	0.2
0 PLACES	±	0.2

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC:

EC NO: 742719
DRWN: MIKEDA01 2023/06/23
CHK'D: SAKIYAMA 2023/06/23
APPR: AIDA 2023/06/23

INITIAL REVISION:
DRWN: MIKEDA01 2019/10/01
APPR: KOMURAKAMI 2019/11/20

molex

CLIK-MATE 1.5
DUAL ROW SMT R/A TYPE GOLD PLATING

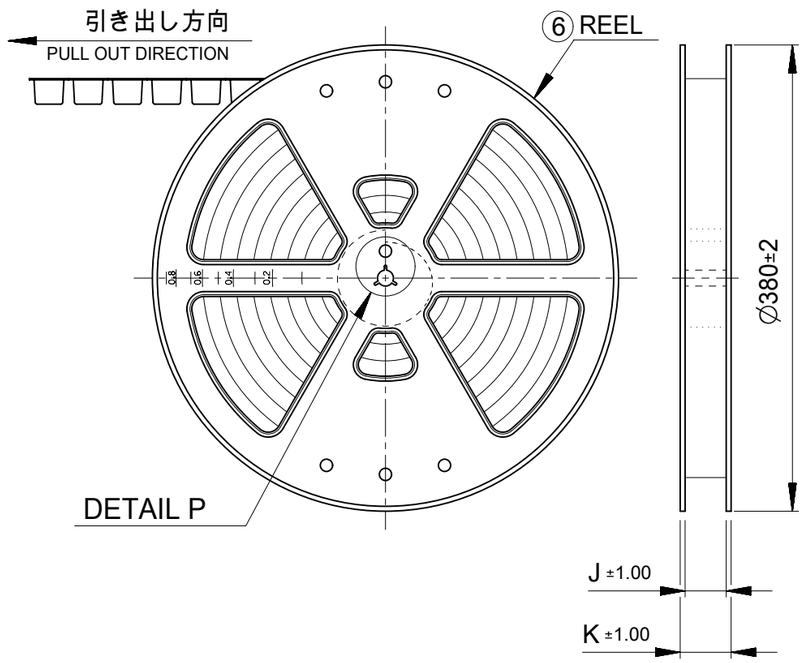
PRODUCT CUSTOMER DRAWING

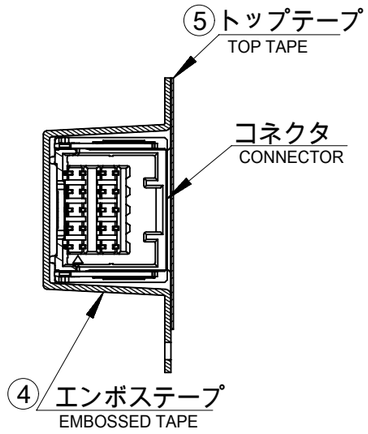
DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
2132280000-SD	PSD	000	G

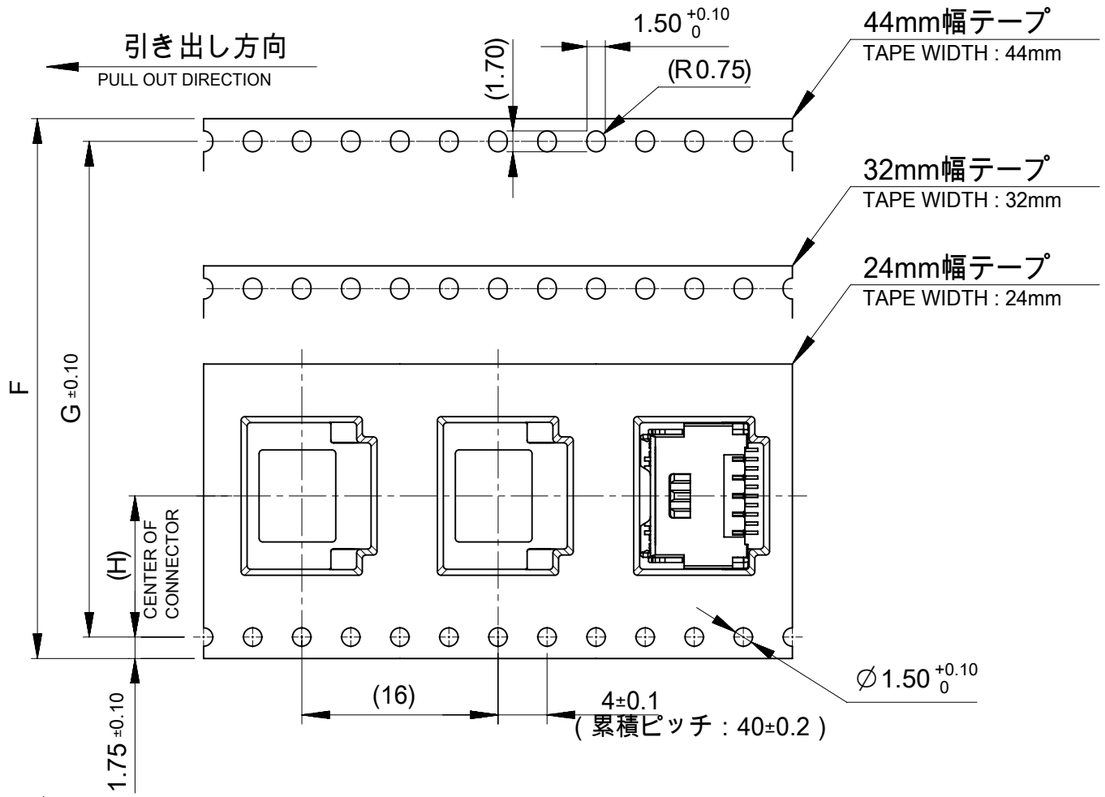
THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
	A3-SIZE	213228	SEE CHART	GENERAL	3 OF 6

DOCUMENT STATUS	P1	RELEASE DATE	2023/06/23 10:36:45

FORMAT: master-tb-prod-A3
REVISION: J1
DATE: 2021/05/01



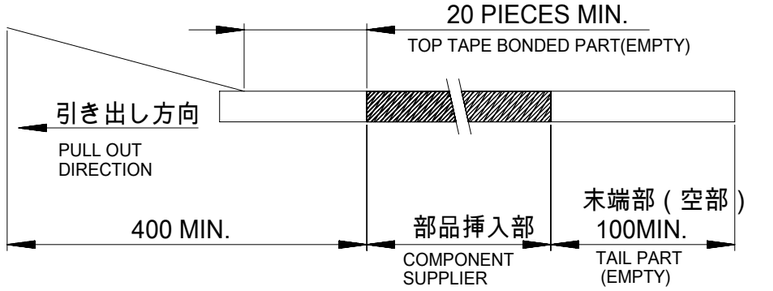




NOTE

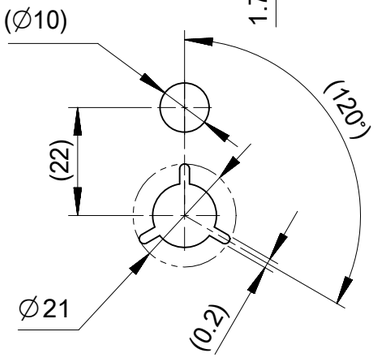
5．梱包数量　：　550個 / リール
NUMBER OF CONNECTORS : 550 PIECES/REEL

6．リードテープ長さ
LEAD TAPE LENGTH



7．トップテープの剥離強度はJIS C0806-3 準拠
TOP TAPE PEELING OFF FORCE IS DIFINED BY JIS C0806-3.

8．本製品は乾燥剤入り、ハイバリア梱包である。
THIS PRODUCT IS DELIVERED IN HIGH BARRIER PACKAGE WITH DESICCANT.



K	J	H	G	エンボステープ幅F WIDTH OF TAPE	CKT NO.
49.4	45.4	20.2	40.4	44±0.3	26
					24
					22
					20
					18
37.4	33.4	14.2	28.4	32±0.3	16
					14
					12
29.4	25.4	11.5	-	24 +0.3 -0.1	10
					8

番号 No.	部品 PART	材質 MATERIAL
④	エンボステープ EMBOSSED TAPE	ポリスチレン(PS) POLYSTYLENE
⑤	トップテープ TOP TAPE	ポリエチレン、ポリエチレンテレフタレート POLYETHYLENE (PE), POLYETHYLENE TELEPHTHALATE (PET)
⑥	リール REEL	ポリスチレン　(リサイクル材を含む) POLYSTYLENE　(CONTAINED RECYCLED MATERIAL)

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DIMENSION UNITS	SCALE
mm	NTS

GENERAL TOLERANCES (UNLESS SPECIFIED)

ANGULAR TOL	±	3.0 °
4 PLACES	±	0.2
3 PLACES	±	0.2
2 PLACES	±	0.2
1 PLACE	±	0.2
0 PLACES	±	0.2

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC:

EC NO: 742719
DRWN: MIKEDA01 2023/06/23
CHK'D: SAKIYAMA 2023/06/23
APPR: AIDA 2023/06/23

INITIAL REVISION:
DRWN: MIKEDA01 2019/10/01
APPR: KOMURAKAMI 2019/11/20

molex

CLIK-MATE 1.5
DUAL ROW SMT R/A TYPE GOLD PLATING

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
2132280000-SD	PSD	000	G

THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
	A3-SIZE	213228	SEE CHART	GENERAL	4 OF 6

DOCUMENT STATUS	P1	RELEASE DATE	2023/06/23 10:36:45

FORMAT: master-lb-prod-A3
REVISION: J1
DATE: 2021/05/01

△3 適用製品及び各種仕様書
APPLICABLE PRODUCTS AND VARIOUS SPECIFICATIONS

梱包仕様書 PACKAGING SPECIFICATION	PART NUMBER	DOCUMENT NUMBER
	213228 ****	2132289200-SPK

適用嵌合相手 MATE WITH	HOUSING	TERMINAL (GOLD PLATING)		
		PLATING THK	#24-28	#28-30
製品番号 PRODUCT NUMBER	503149 ****	0.1 micro-meters	213028 1*00	213029 1*00
		0.38 micro-meters	213028 3*00	213029 3*00
		0.76 micro-meters	213028 7*00	213029 7*00
製品仕様書 PRODUCT SPECIFICATION	5031490002-PS/PS/000			
アプリケーション仕様書 APPLICATION SPECIFICATION	AS-503149-001			

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DIMENSION UNITS	SCALE
mm	NTS

GENERAL TOLERANCES (UNLESS SPECIFIED)

ANGULAR TOL	±	3.0 °
4 PLACES	±	0.2
3 PLACES	±	0.2
2 PLACES	±	0.2
1 PLACE	±	0.2
0 PLACES	±	0.2

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

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CHK'D: SAKIYAMA 2023/06/23
APPR: AIDA 2023/06/23

INITIAL REVISION:
DRWN: MIKEDA01 2019/10/01
APPR: KOMURAKAMI 2019/11/20

molex

CLIK-MATE 1.5
DUAL ROW SMT R/A TYPE GOLD PLATING

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
2132280000-SD	PSD	000	G

THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
	A3-SIZE	213228	SEE CHART	GENERAL	5 OF 6

DOCUMENT STATUS	P1	RELEASE DATE	2023/06/23 10:36:45

FORMAT: master-ib-prod-A3
REVISION: J1
DATE: 2021/05/01

△4 製品一覧
PRODUCTS LIST

黒 BLACK	ナチュラル NATURAL	HOUSING COLOR	
213228 2611	213228 2610	26	213228 **1* (GOLD PLATING THICKNESS: 0.1 micro-meters MIN)
213228 2411	213228 2410	24	
213228 2211	213228 2210	22	
213228 2011	213228 2010	20	
213228 1811	213228 1810	18	
213228 1611	213228 1610	16	
213228 1411	213228 1410	14	
213228 1211	213228 1210	12	
213228 1011	213228 1010	10	
213228 0811	213228 0810	8	
オーダー番号 ORDER No		極数 CKT	MODEL NO

黒 BLACK	ナチュラル NATURAL	HOUSING COLOR	
213228 2631	213228 2630	26	213228 **3* (GOLD PLATING THICKNESS: 0.38 micro-meters MIN)
213228 2431	213228 2430	24	
213228 2231	213228 2230	22	
213228 2031	213228 2030	20	
213228 1831	213228 1830	18	
213228 1631	213228 1630	16	
213228 1431	213228 1430	14	
213228 1231	213228 1230	12	
213228 1031	213228 1030	10	
213228 0831	213228 0830	8	
オーダー番号 ORDER No		極数 CKT	MODEL NO

黒 BLACK	ナチュラル NATURAL	HOUSING COLOR	
213228 2671	213228 2670	26	213228 **7* (GOLD PLATING THICKNESS: 0.76 micro-meters MIN)
213228 2471	213228 2470	24	
213228 2271	213228 2270	22	
213228 2071	213228 2070	20	
213228 1871	213228 1870	18	
213228 1671	213228 1670	16	
213228 1471	213228 1470	14	
213228 1271	213228 1270	12	
213228 1071	213228 1070	10	
213228 0871	213228 0870	8	
オーダー番号 ORDER No		極数 CKT	MODEL NO

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DIMENSION UNITS	SCALE
mm	NTS

GENERAL TOLERANCES (UNLESS SPECIFIED)

ANGULAR TOL	±	3.0 °
4 PLACES	±	0.2
3 PLACES	±	0.2
2 PLACES	±	0.2
1 PLACE	±	0.2
0 PLACES	±	0.2

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC:

EC NO: 742719
DRWN: MIKEDA01 2023/06/23
CHK'D: SAKIYAMA 2023/06/23
APPR: AIDA 2023/06/23

INITIAL REVISION:
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molex

CLIK-MATE 1.5
DUAL ROW SMT R/A TYPE GOLD PLATING

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
2132280000-SD	PSD	000	G

THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
	A3-SIZE	213228	SEE CHART	GENERAL	6 OF 6

DOCUMENT STATUS	P1	RELEASE DATE	2023/06/23 10:36:45

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REVISION: J1
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